

COATING COMPOSITION AND BUILDING MATERIAL USING THE SAME

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Abstract of JP2003013007

PROBLEM TO BE SOLVED: To obtain a coating composition excellent in adhesiveness to a base material and preservation stability at normal temperature and excellent in bringing the surface of the base material to be antifouling and self cleaning and provide a building material on which a coating film is formed with the coating composition.

SOLUTION: This coating composition is prepared by blending 25-150 pts.wt. photocatalytic titanium oxide to 100 pts.wt. binder obtained by reacting colloidal silica and a mixture selected from two or more species of alkoxysilanes with a tetraalkoxysilane. The building material is provided by forming the coating film with the coating composition.

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